WHAT IS CLAIMED IS:

- 1. A method for treating a bone condition, comprising administering to a patient in need thereof an effective amount of FGF-8, FGF-8 analog, or a FGF-8 agonist.
- The method of claim 1, wherein the amino acid sequence of FGF-8 is SEQ ID NO: 1, 2,
 or 3.
 - 3. The method of claim 1, wherein the FGF-8 agonist comprises a fragment or the entirety of the amino acid sequence of SEQ ID NO: 1, 2, or 3.
- 4. The method of claim 3, wherein the fragment is less than 50 amino acids of SEQ ID NO: 1, 2, or 3.
 - 5. The method of claim 1, wherein the FGF-8 agonist comprises an amino acid sequence that is at least 60% identical to SEQ ID NO: 1, 2, or 3.
 - 6. The method of claim 1, wherein the FGF-8 agonist comprises SEQ ID NO: 1, 2, or 3 with up to 14 conservative amino acid substitutions.
- 7. A method for increasing or maintaining bone density, comprising administering to a subject in need thereof an effective amount of FGF-8, FGF-8 analog, or a FGF-8 agonist.
 - 8. The method of claim 7, wherein the amino acid sequence of FGF-8 is SEQ ID NO: 1, 2, or 3.
- 9. The method of claim 7, wherein the FGF-8 agonist comprises a fragment or the entirety of the amino acid sequence of SEQ ID NO: 1, 2, or 3.
 - 10. The method of claim 9, wherein the fragment is less than 50 amino acid residues of SEQ ID NO: 1, 2, or 3.

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- 11. The method of claim 7, wherein the FGF-8 agonist comprises an amino acid sequence that is at least 60% identical to SEQ ID NO: 1, 2, or 3.
- 12. The method of claim 7, wherein the FGF-8 agonist comprises SEQ ID NO: 1, 2, or 3 with up to 14 conservative amino acid substitutions.
 - 13. A method for stimulating osteoblast growth or modulating osteoblast apoptosis, comprising administering to a subject in need thereof an effective amount of FGF-8, FGF-8 analog, or a FGF-8 agonist.

14. The method of claim 13, wherein the amino acid sequence of FGF-8 is SEQ ID NO: 1, 2, or 3.

- 15. The method of claim 13, wherein the FGF-8 agonist comprises a fragment or the entirety of the amino acid sequence of SEQ ID NO: 1, 2, or 3.
 - 16. The method of claim 15, wherein the fragment is less than 50 amino acid residues of SEQ ID NO: 1, 2, or 3.
- 20 17. The method of claim 13, wherein the FGF-8 agonist comprises an amino acid sequence that is at least 60% identical to SEQ ID NO: 1, 2, or 3.
 - 18. The method of claim 17, wherein the FGF-8 agonist comprises SEQ ID NO: 1, 2, or 3 with up to 14 conservative amino acid substitutions.
 - 19. An article of manufacture comprising:

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a vessel containing FGF-8, FGF-8 analog, or a FGF-8 agonist; and written instructions for use of FGF-8, FGF-8 analog, or a FGF-8 agonist for treatment of a bone condition comprising administering an effective amount of FGF-8, FGF-8 analog, or a FGF-8 agonist to a patient.

20. An article of manufacture comprising:

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packaging material; and contained within the packaging material, FGF-8, FGF-8 analog, or a FGF-8 agonist; wherein the packaging material comprises a label that indicates that FGF-8, FGF-8 analog, or a FGF-8 agonist can be used for treating a bone condition in a patient.

21. A method for treating or preventing osteoporosis, osteopenia, bone defects, or osteogenesis imperfecta, comprising:

administration to a subject in need thereof an effective amount of FGF-8, FGF-8 analog, or FGF-8 agonist.

22. A composition comprising FGF-8, FGF-8 analog, or FGF-8 agonist and a pharmaceutically acceptable carrier.